

IN THE CLAIMS

1-7 (canceled)

8. (previously presented) An electronic releasing device for pyrotechnic igniters having a primary and a secondary charge, wherein the primary charge is ignited by means of a circuit that comprises electronic components and whose essential electronic components are accommodated as an integrated circuit in an IC housing, with the housing being disposed on a printed circuit board, wherein the terminals of the IC housing are provided as connecting points for test instruments for checking the serviceability of the integrated circuit and the igniter function and also serve for connection to external electronic devices for programming the releasing device.

9. (previously presented) The electronic releasing device of claim 8, wherein the chassis grounds of the integrated circuit are brought out at more than one connection point.

10. (previously presented) The electronic releasing device of claim 8, wherein the ignition time steps and the fuse addresses are stored in a memory in the integrated circuit.

11. (previously presented) The electronic releasing device of claim 8, wherein the fuse addresses are disposed in a programming field on the printed circuit board in the form of a predetermined pattern of connections of the conductor tracks to the terminals of the integrated circuit.

12. (previously presented) The electronic releasing device of claim 11, wherein the fuse addresses are indicated in each case by means of a marking on the printed circuit board.

13. (previously presented) The electronic releasing device of claim 8, wherein the meander-shaped conductor track course on the printed circuit board represents a filter for combating high frequencies and, consequently, a protection for the electronic components.

14. (previously presented) The electronic releasing device of claim 8, wherein at least one protective and fuse resistor is soldered on by means of the reflow method.